Concordia UNIVERSITY

NEWSLETTER

Office of Research Services

BC-215 (SGW CAMPUS)
848-4888

VOLUME XIX NO. 3 OCTOBER 1991

RESEARCH AWARDS TO FACULTY MEMBERS - 1991-92

The Newsletter during the past year has been listing on a quarterly basis research grants and contracts awarded during the previous period.

If any faculty member is a member of a research team with another institution, please submit the data to us for future insertion. When the Principal Investigator of a cooperative research project is with another institution, his/her name is underlined.

The following are operating grants unless otherwise noted and were awarded for the period June 1, 1991 to August 31, 1991.

	Title of Project	Granting Agency	Amount
ADMINISTRATION			
Archives	Backlog: les archives audiovisuelles (Contact Person: N. Marrelli)	Canadian Council of Archives	$ 8,000
	Marketing Archives/Diffuser: Une attitude a developer (Contact Person: N. Marrelli)	Canadian Council of Archives	$ 3,500
Library	Canadian Film: A Bibliography and Guide to the Literature (Canadian Studies Research Tool - 3-year Grant, 3rd Year) (Contact Person: L. Lerner)	SSHRC	$ 38,472

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RESEARCH AWARDS TO FACULTY MEMBERS 1991-92
(June 1, 1991 to August 31, 1991)

	Title of Project	Granting Agency	Amount
FACULTY OF ARTS & SCIENCE			
Dean of Arts & Science	Support of Northern Training of Students Organized through the Northern Studies Committee (Contact Person: G. Valaskakis)	Indian and Northern Affairs	$ 2,000
Biology	Pollution and Eutrophication in Brome Lake (Contract Person: E. Maly)	Town of Brome Lake	$ 12,000
Centre de recherche en histoire	Debates of the Legislative Assembly of United Canada, 1841-1867 (5-year Major Grant, 1st year) (Contact Person: C. Nish)	SSHRC	$100,000
Communication Studies	Pareto and the American Mind (2-year Grant, 2nd year) (Contact Person: W. Buxton)	SSHRC	$ 8,300
Economics	Unemployment Insurance, Job Search Outcome and Labour Market Dynamics (Contact Person: C. Belzil)	SSHRC	$ 12,000
Education	Cooperative Learning in Classrooms (3-year Grant, 3rd year) (Contact Person: P. Abrami)	SSHRC	$ 50,000
	Learning Success in Distance Education (3-year Grant, 1st year) (Contact: R. Bernard)	SSHRC	$ 47,674
	The Enhancement of Young Children's Social-Cognitive Development Through Peer Interaction (3-year Grant, 1st year) (Contact: B. Chambers)	SSHRC	$ 47,676

RESEARCH AWARDS TO FACULTY MEMBERS 1991-92
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	Title of Project	Granting Agency	Amount
FACULTY OF ARTS & SCIENCE cont'd			
Education cont'd	Evaluation des enfants dans deux environnements: maternelle et service de garde en milieu scolaire (3-year Grant, 3rd year) (Contact Person: E. Jacobs, R. Presser, Université de Montréal)	Health & Welfare	$ 47,914
Etudes françaises	Discours sociaux et traduction: la traduction de la science-fiction americaine en France dans les annees 50 (2-year Grant, 1st year) (Contact Person: J.-M. Gouanvic)	SSHRC	$ 29,821
	L'identite et l'heterogene dans la prose romanesque québecoise (3-year Grant, 3rd year) (Contact Person: S. Simon)	SSHRC	$ 47,758
	Hélène Parmelin, biographie d'une femme publique (3-year Grant, 1st year) (Contact Person: M. Verthuy)	SSHRC	$ 31,400
Exercise Science	Vers la réintégration des victimes de traumatisme crânio-cérébral - Etude longitudinale (Contact Person: S.J. Sullivan, G. Drouin, Institut de Réadaptation de Montréal)	SAAQ	$120,000
	Evaluation clinique des personnes ayant un traumatisme crânio-cérébral (Contact Person: S.J. Sullivan)	MESS	$ 2,000

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	Title of Project	Granting Agency	Amount
FACULTY OF ARTS & SCIENCE cont'd			
Geography	The Design of Symbols for a Young Child's Map of a Familiar Place - Their School (2-year grant, 2nd year) (Contact Person: J. Anderson)	SSHRC	$ 25,019
	The Regional Impact of Business Immigration in Canada, 1978-1990 (3-year Grant, 1st year) (Contact Person: A. Nash)	SSHRC	$ 10,000
History	A Social History of the Slavery on a Caribbean Island: St. Barthelemy in the 18th and 19th Centuries (3-year Grant, 1st year) (Contact Person: C. Fick)	SSHRC	$ 22,990
	German Feminism, Legal Reform, and Access to the Law, 1894-1933 (3-year Grant, 1st year) (Contact Person: R. McWhorter-Schade)	SSHRC	$ 17,600
	Quebec, Ireland and the British Empire 1759-1867 (3-year Grant, 1st year) (Contact Person: R. Rudin)	SSHRC	$ 12,440
	The Reformation and the Towns in England, c. 1540-1600 (3-year Grant, 1st year) (Contact Person: R. Tittler)	SSHRC	$ 14,624
Library Studies	Annual Meeting of the International Federation of Library Associations and Institutions in Moscow, August 1991 (International Representation) (Contact Person: A. Galler)	SSHRC	$ 2,526

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	Title of Project	Granting Agency	Amount
FACULTY OF ARTS & SCIENCE cont'd			
Mathematics	Structures géométriques et topologiques sur les variétés différentiables, géometrie des opérateurs différentiels sur les variétés et applications (Three-year Grant, 1st year) (Contact Person: J. Harnad, S.T. Ali, F. Lalonde - UQAM)	FCAR	$ 20,571
	Development and Experimentation of Constructivist Models to Describe the Understanding of Transcendental Functions in High School Mathematics (3-year Grant, 1st year) (Contact Person: N. Herscovics)	SSHRC	$ 35,600
Philosophy	Women's Conceptual History: 1800-1994 (3-year grant, 3rd year) (Contact Person: P. Allen)	SSHRC	$ 15,108
Political Science	A Comparative Assessment of the Linkages Between the Public and Private Management of Corporate Social Performance (2-year grant, 2nd year) (Contact Person: A. Gollner)	SSHRC	$ 37,724
	Technology and Culture: Theory and Art (3-year Grant, 1st year) (Contact Person: A. Kroker)	SSHRC	$ 42,000
Psychology	Evaluation des enfants dans deux environnements: maternelle et service de garde en milieu scolaire (3-year Grant, 3rd year) (Contact Person: D. White, R. Presser, Université de Montréal)	Health & Welfare	$ 44,081

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	Title of Project	Granting Agency	Amount
FACULTY OF ARTS & SCIENCE cont'd			
Psychology cont'd	Neuro-enzymatic Mechanisms Mediating Voluntary Ethanol Consumption (3-year Grant, 3rd year) (Contact Person: Z. Amit)	MRC	$ 50,900
	Correlates and Consequences of Lifetime and Current Alcohol Consumption in Older Men (4-year grant, 4th year) (Contact Person: T. Arbuckle)	NHRDP	$ 10,135
	Psychosocial Factors in Alcohol Consumption: Implications for Autonomous Functioning of Older Women (Contact Person: T. Arbuckle)	CQRS	$ 96,152
	Fluoxetine Treatment of Late Luteal Phase Dysphoric Disorder (Contact Person: C. Berger)	Eli Lilly Canada Inc.	$ 39,750
	Affect and Age Determinants of Attentional Resources in Social Cognition (3-year Grant, 1st year) (Contact Person: M. Conway)	SSHRC	$ 40,060
	Consequences of Different Employment Patterns on Older Women's Well-Being (Strategic Grant) (Contact Person: D. Gold)	SSHRC	$ 8,000
	Visual Contributions to Simulator Sickness (5-year University-Industry Grant with CAE, 4th year) (Contact Person: R. Kruk)	MRC	$ 52,135

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	Title of Project	Granting Agency	Amount
FACULTY OF ARTS & SCIENCE cont'd			
Psychology cont'd	The Effects of Psychological Stress on Autonomic Activity, Sodium Retention, and Cardiovascular Hemodynamics in Offspring of Hypertensives (2-year Grant, 2nd year) (Contact Person: S. Miller)	MRC	$ 30,965
	Alcohol and Cocaine Abusers at Treatment Intake and Follow-Up: Psychosocial and Family Dynamics (2-year Grant, 2nd year) (Contact Person: P. Seraganian)	CQRS	$ 35,000
	Comparison of Alcohol and Cocaine Abusers on Admission to Treatment and at One-Year Follow-Up Post-Treatment (3-year Grant, 2nd year) (Contact Person: P. Seraganian)	NHRDP	$100,330
	Gender Concepts and Gender Segregation during the First Three Years of Life (3-year Grant, 3rd year) (Contact Person: L. Serbin)	SSHRC	$ 34,948
	Neural Substrate for Brain Stimulation Reward (3-year Grant, 2nd year) (Contact Person: P. Shizgal)	MRC	$ 47,109
	Conditioned Physiological Changes to Repeated Administration of Psychoactive Drugs (5-year Grant, 1st year) (Contact Person: J. Stewart)	MRC	$ 60,853

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	Title of Project	Granting Agency	Amount
FACULTY OF ARTS & SCIENCE cont'd			
Psychology cont'd	Rat Model of Intravenous Drug Abuse (3-year Grant, 1st year) (Contact Person: R. Wise)	MRC	$ 59,169
	Neural Substrate of Cocaine Abuse (Contact Person: R. Wise)	NIDA	$151,035 U.S.
	Factors Mediating the Effects of Food Restriction on the Duration of Lactational Acyclicity in Rats (2-year grant, 2nd year) (Contact Person: B. Woodside)	MRC	$ 50,000
Religion	A Comparative Study of the Corporate Management of Ethical Issues (3-year Strategic Grant, 1st year) (Contact Person: F. Bird)	SSHRC	$ 30,000
	Literary Form, Shared Perceptions, and Social Configuration in Ancient Judaism (3-year Grant, 1st year) (Contact Person: J. Lightstone)	SSHRC	$ 18,610
	Orthodox Judaism in Montreal, 1890-1940 (Contact Person: I. Robinson)	Secretary of State	$ 11,000
	Cyrus Adler: The Biography of an American Jew (3-year Grant, 3rd year) (Contact Person: I. Robinson)	SSHRC	$ 5,721
School of Community and Public Affairs	In Support of the Karl Polanyi Institute of Political Economy (Contact Person: M. Mendell)	Douglas Caldwell Foundation	$ 4,000

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FACULTY OF ARTS AND SCIENCE cont'd			
Sociology & Anthropology	Ethnic Lobbyists in Montreal (2-year Grant, 1st year) (Contact Person: V. Amit-Talai)	SSHRC	$ 13,952
	Social Change, Growth and Development: State and Market Interplay in the Three Systems of the World (3-year grant, 2nd year) (Contact Person: S. Chodak)	SSHRC	$ 9,548
	La chanson, forme sociale de musique (3-year Grant, 1st year) (Contact Person: L. Grenier)	SSHRC	$ 35,027
	Sex Work as Service Work: Integrating the Dark Side of the Service Industry (Strategic Grant) (Contact Person: F. Shaver)	SSHRC	$ 25,171
	The Construction of Gender and South Asia in Nineteenth Century British and French Colonial Discourse (3-year Grant, 1st year) (Contact Person: J. Whitehead)	SSHRC	$ 36,523
FACULTY OF COMMERCE AND ADMINISTRATION			
DSMIS	Concordia - U.W.I. Management Development Project (Contact Person: J.-M. Bourjolly)	AUCC Micro Fund	$ 5,000
Finance	Observability, Diversification, and Firm Value (3-year Grant, 1st year) (Contact Person: A. Jain)	SSHRC	$ 14,549

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FACULTY OF COMMERCE AND ADMINISTRATION cont'd			
Finance cont'd	Determination of Risk Premium on Floating Rate Debt Instruments and Corporate Debt Policy: Theory and Evidence (2-year Grant, 1st year) (Contact Person: A. Jalilvand)	SSHRC	$ 12,113
	Price, Liquidity and Efficiency Effects of Exploration-related Announcements by Small Public Mining Firms (Contact Person: L. Kryzanowski)	E.M.R.	$ 9,000
	Efficiency, Liquidity and Volatility Effects of Equity Trading Halts (Contact Person: L. Kryzanowski)	Financial Research Foundation of Canada	$ 8,000
	Some Aspects of Financial Asset Valuation in Experimental Markets (2-year Grant, 1st year) (Contact Person: G. Lypny)	SSHRC	$ 6,384
Management	Burnout Among Nurses: Antecedents and Consequences (2-year grant, 2nd year) (Contact Person: V.V. Baba)	SSHRC	$ 23,150
	Core Militia Training Programme - Phase I (Contact Person: R. Crawford)	SNC Defense Products Ltd.	$ 50,000
Marketing	Corporate Patronage of the Arts and Corporate Image: Implications for Marketing (2-year grant, 2nd year) (Contact Person: A. Joy)	SSHRC	$ 22,372

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FACULTY OF COMMERCE AND ADMINISTRATION cont'd			
Marketing cont'd	Effects of Perceived Control and Information on Consumer Reactions to Delays in Services (3-year Grant, 1st year) (Contact Person: M. Hui)	SSHRC	$ 15,674
	Stratégies de publicité internationale: standardisation versus adaptation (3-year Strategic Grant, 1st year) (Contact Person: V. Kirpalani)	SSHRC	$ 26,390
FACULTY OF ENGINEERING & COMPUTER SCIENCE			
C.B.S.	Tests to Determine the Glass Transition Temperature of Composite Panels (Contract) (Contact Person: D. Feldman)	Bombardier Inc.	$ 15,000
	Climination of Appliance Noise (Contract) (Contact Person: R.W. Guy)	Decibel Consultants	$ 6,787
	Ventilation for Control of Indoor Air Quality, Thermal Comfort and Energy Conservation by CO_2 Measurement (Cooperative Grant with NSERC) (Contact Person: F. Haghighat)	E.M.R.	$ 10,000
	Ventilation for Control of Indoor Air Quality, Thermal Comfort and Energy Conservation by CO_2 Measurement (Cooperative Grant with E.M.R.) (Contact Person: F. Haghighat)	NSERC	$ 5,000

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	Title of Project	Granting Agency	Amount
FACULTY OF ENGINEERING & COMPUTER SCIENCE cont'd			
C.B.S. cont'd	Development of a Model to Assess the Effect of Wind Turbulence on Natural Ventilation Change Rates (Cooperative Grant with NSERC) (Contact Person: F. Haghighat)	E.M.R.	$ 8,000
	Development of a Model to Assess the Effect of Wind Turbulence on Natural Ventilation Change Rates (Cooperative Grant with E.M.R.) (Contact Person: F. Haghighat)	NSERC	$ 8,700
	Indoor Air Quality in Multi-Zone Office Buildings (Contact Person: Z. Jiang)	Center for Indoor Air Research	$ 5,000 U.S.
	Air Reingestion Study for McIntyre Medical Building (Contract) (Contact Person: T. Stathopoulos)	McGill University	$ 28,000
	Impact of the New ASHRAE Standard 90.1-1989 on the Design of Energy Efficient Office Buildings in Canada (Cooperative Grant with NSERC) (Contact Person: R.G. Zmeureanu)	E.M.R.	$ 6,700
	Impact of the New ASHRAE Standard 90.1-1989 on the Design of Energy Efficient Office Buildings in Canada (Cooperative Grant with E.M.R.) (Contact Person: R.G. Zmeureanu)	NSERC	$ 3,300
Civil Engineering	Transportation Engineering Studies in Bangladesh (Contact Person: P. Seneviratne)	AUCC Micro-Fund	$ 3,000

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	Title of Project	Granting Agency	Amount
FACULTY OF ENGINEERING & COMPUTER SCIENCE cont'd			
Computer Science	IRIS - Design and Human Interfaces (4-year Grant, 2nd year) (Contact Person: C.Y. Suen)	Networks of Centres of Excellence	$ 84,000
	Large Scale Computations and Applications: at the Inst. fur Mathematik, Univ. of Innsbruck, Austria, and the Istituto di Scienze dell Informazione, Univ. of Bari, Italy (International Collaborative Research Grant) (Contact Person: T.D. Bui)	NSERC	$ 3,500
	Efficient Gambling Strategies (Contact Person: C. Lam)	Loto-Quebec	$ 15,000
	Réécriture et Preuves (Cooperation France-Québec) (Contact Person: M. Okada)	Ministère des Affaires Internationales	$ 6,300
Electrical and Computer Eng.	IRIS - Simulation, Control and Planning in Robotics (4-year Grant, 2nd year) (Contact Person: R. Patel)	Networks of Centres of Excellence	$ 7,800
	Micronet - Canadian Institute for Telecommunications Research Network (4-year Grant, 2nd year) (Contact Person: J. Hayes)	Networks of Centres of Excellence	$ 95,000
	Broadband Adaptive Beamforming in the Presence of Transient Interference (2-year Contract, 1st year) (Contact Person: J. Krolik)	Department of National Defence	$ 60,086

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FACULTY OF ENGINEERING & COMPUTER SCIENCE cont'd			
Electrical and Computer Eng. cont'd	Aircraft Electromagnetic Capability (EMC) Prediction Techniques - Phase III (4-year Contract, 4th year) (Contact Person: S. Kubina)	Department of National Defence	$ 19,791
	Détecteurs Infra-rouge Extrinsique de SI GaAs (Cooperation France-Québec) (Contact Person: B. Lombos)	Ministère des Affaires Internationales	$ 7,900
	Development of an Advanced Variable Frequency High Voltage Solid State Power Supply (2-Year Cooperative R&D Grant with NSERC, 1st year) (Contact Person: P.D. Ziogas)	Inverpower Ltd.	$ 20,000
Mechanical Engineering	IRIS - Telerobotics: Dynamics Control - Fault Detection (4-year Grant, 2nd year) (Contact Person: T.S. Sankar)	Networks of Centres of Excellence	$ 98,300
	Stress Analysis of a Newly Designed Car Door's Hinge (Contact Person: G. Abdou)	Val-Tile Inc.	$ 1,500
	Donation of Upgraded VAX Node EA8 to CFD Laboratory (Contact Person: W.G. Habashi)	Pratt & Whitney Canada Inc.	$ 4,300
	In Support of the second North-American-Soviet Workshop of Computational Aero Dynamics (12 grants) (Contact Person: W.G. Habashi)	Anonymous Cdn. Companies & Corporations	$ 17,500

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FACULTY OF ENGINEERING & COMPUTER SCIENCE cont'd			
Mechanical Engineering	Development of Optimised and Cost Effective Composite Casing Structures for Gas Turbine Engines (Collaborative R&D Grant with Pratt & Whitney) (Contact Person: S.V. Hoa)	NSERC	$ 80,000
	Hot Workability and Rolling Simulation of Al Alloys and Steels; Visit to Various Institutions in China (International Scientific Exchange Project) (Contact Person: H.J. McQueen)	NSERC	$ 3,283
	Evaluation of Damping in Panels (Contact Person: S. Sankar)	Bombardier Inc.	$ 2,889
	Conception et développement d'un système de siège semi-active à sûreté intégrée bi-axiale pour les véhicules hors-route (Contact Person: S. Sankar)	IRSST	$ 92,671
	Investigation of Non-Return Valves for Fluid Handling (Contact Person: J. Svoboda)	Ritepro Inc.	$ 6,000
FACULTY OF FINE ARTS			
Cinema	Oral History and Essays: Contemporary American Film Performance (3-year Grant, 1st year) (Contact Person: C. Zucker)	SSHRC	$ 56,746